**Airplanes:**

**Exc1:**

SELECT name, city

FROM airport

WHERE country = 'Portugal'

**Exc2:**

SELECT name, version

FROM plane, model

WHERE plane.modelcod = model.modelcod AND version = 'DC-10'

**Exc3:**

SELECT planecod, name, engines

FROM model, plane

**Exc4:**

SELECT plane.planecod, duration

FROM plane, flight

WHERE plane.planecod = flight.planecod AND duration = 2 OR duration =3

**Exc5:**

SELECT modelcod, version

FROM model

WHERE version LIKE 'A3%'

**Exc6:**

SELECT flightcod, duration

FROM flight

ORDER BY duration DESC, flightcod DESC

**Employees:**

**Exc1:**

SELECT employee.name, department.name

FROM employee, department

WHERE employee.id\_dep = department.id

**Exc2:**

SELECT employee.name, department.name

FROM employee, department

WHERE employee.id\_sup = department.id\_dir

**Exc3:**

SELECT project.name, department.name

FROM project, department

WHERE project.id\_dep = department.id

**Exc4:**

SELECT project.name

FROM project

WHERE id\_dep=1

**Exc5:**

SELECT project.name

FROM project

WHERE project.id\_dep=2

**Clinic:**

**Exc1:**

SELECT name

FROM physician

**Exc2:**

SELECT name, address

FROM patient

**Exc3:**

SELECT date

FROM appointment

WHERE code='12345'

**Exc4:**

SELECT designation

FROM condition

ORDER BY designation

**Exc5:**

SELECT DISTINCT patient.code, patient.name, appointment.date

FROM patient, appointment

WHERE appointment.date='2007-01-01' AND patient.code=appointment.code

**Classes:**

**Exc1:**

SELECT \*

FROM student

**Exc2:**

SELECT student.num, student.name, enrollment.year, course.ref, course.name

FROM student, enrollment, course

WHERE enrollment.num=4 AND enrollment.ref=course.ref AND student.num=enrollment.num

**Exc3:**

SELECT student.name, enrollment.year, course.ref, course.name

FROM student, enrollment, course

WHERE student.name='Michael' AND enrollment.ref=course.ref AND student.num=enrollment.num

**Exc4:**

SELECT COUNT (\*)

FROM student, enrollment, course

WHERE enrollment.year=2007 AND course.name='SINF' AND enrollment.ref=course.ref AND student.num=enrollment.num

**Exc5:**

SELECT AVG (enrollment.grade1)

FROM enrollment, course

WHERE enrollment.year=2008 AND course.name='SINF' AND enrollment.ref=course.ref

**Exc6:**

SELECT student.name, student.num, enrollment.grade1, enrollment.grade2

FROM student, enrollment, course

WHERE enrollment.year=2007 AND course.name='SINF' AND enrollment.ref=course.ref AND enrollment.num=student.num AND enrollment.grade1 IS NOT NULL AND enrollment.grade2 IS NULL

**Exc7:**

SELECT student.name, student.num, enrollment.grade1, enrollment.grade2

FROM student, enrollment, course

WHERE enrollment.year=2007 AND course.name='SINF' AND enrollment.ref=course.ref AND enrollment.num=student.num AND enrollment.grade1 < enrollment.grade2

**Exc8:**

SELECT course.name, course.ref, AVG(enrollment.grade1) AS average1, AVG(enrollment.grade2) AS average2

FROM course, enrollment

WHERE enrollment.ref=course.ref

GROUP BY course.name, course.ref